



5820603.ST25

SEQUENCE LISTING

#8

<110> Weigel, Paul

<120> Identification of Hyaluronan Receptor for Endocytosis

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<140> 09/842,930

<141> 2001-04-25

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<170> PatentIn version 3.1

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Lys Val Leu Ser Leu Glu Glu Asp Val Leu Arg Tyr His Val Val Leu
35 40 45

Glu Glu Lys Leu Leu Lys Asn Asp Leu His Asn Gly Met His Arg Glu
50 55 60

Thr Met Leu Gly Phe Ser Tyr Phe Leu Ser Phe Phe Leu His Asn Asp
65 70 75 80

Gln Leu Tyr Val Asn Glu Ala Pro Ile Asn Tyr Thr Asn Val Ala Thr
85 90 95

Asp Lys Gly Val Ile Gln Tyr Asn Leu Ala Asn Ala Ile Glu Ala Ala
100 105 110

Asp Ala Tyr Thr Val Phe Ala Pro Asn Asn Asn Ala Ile Glu Asn Tyr
115 120 125

Ile Arg Glu Lys Lys Val Leu Ser Leu Glu Glu Asp Val Leu Arg Tyr
130 135 140

His Val Val Leu Glu Glu Lys Leu Leu Lys Asn Asp Leu His Asn Gly
145 150 155 160

Met His Arg Glu Thr Met Leu Gly Phe Ser Tyr Phe Leu Ser Phe Phe
165 170 175

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Leu His Asn Asp Gln Leu Tyr Val Asn Glu Ala Pro Ile Asn Tyr Thr
 180 185 190

Asn Val Ala Thr Asp Lys Gly Val Ile Gln Tyr Asn Leu Ala Asn Ala
 195 200 205

Ile Glu Ala Ala Asp Ala Tyr Thr Val Phe Ala Pro Asn Asn Asn Ala
 210 215 220

Ile Glu Asn Tyr Ile Arg Glu Lys Lys Val Leu Ser Leu Glu Glu Asp
 225 230 235 240

Val Leu Arg Tyr His Val Val Leu Glu Glu Lys Leu Leu Lys Asn Asp
 245 250 255

Leu His Asn Gly Met His Arg Glu Thr Met Leu Gly Phe Ser Tyr Phe
 260 265 270

Leu Ser Phe Phe Leu His Asn Asp Gln Leu Tyr Val Asn Glu Ala Pro
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Ile Asn Tyr Thr Asn Val Ala Thr Asp Lys Gly Val Cys Ala Ala Gly
 290 295 300

Phe Gln Gly Asn Gly Thr Ile Cys Thr Ala Ile Asn Ala Cys Glu Ile
 305 310 315 320

Ser Asn Gly Gly Cys Ser Ala Lys Ala Asp Cys Lys Arg Thr Thr Pro
 325 330 335

Gly Arg Arg Val Cys Thr Cys Lys Ala Gly Tyr Thr Gly Asp Gly Ile
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Val Cys Leu Glu Ile Asn Pro Cys Leu Glu Asn His Gly Gly Cys Asp
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Lys Asn Ala Glu Cys Thr Gln Thr Gly Pro Asn Gln Ala Ala Cys Asn
 370 375 380

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Cys Leu Pro Ala Tyr Thr Gly Asp Gly Lys Val Cys Thr Leu Ile Asn
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Val Cys Leu Thr Lys Asn Gly Gly Cys Ser Glu Phe Ala Ile Cys Asn
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His Thr Gly Gln Val Glu Arg Thr Cys Thr Cys Lys Pro Asn Tyr Ile
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Gly Asp Gly Phe Thr Cys Arg Gly Ser Ile Tyr Gln Glu Leu Pro Lys
435 440 445

Asn Pro Lys Thr Ser Gln Tyr Phe Phe Gln Leu Gln Glu His Phe Val
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Lys Asp Leu Val Gly Pro Gly Pro Phe Thr Val Phe Ala Pro Leu Ser
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Ala Ala Phe Asp Glu Glu Ala Arg Val Lys Asp Trp Asp Lys Tyr Gly
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Leu Met Pro Gln Val Leu Arg Tyr His Val Val Ala Cys His Gln Leu
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Leu Leu Glu Asn Leu Lys Leu Ile Ser Asn Ala Thr Ser Leu Gln Gly
515 520 525

Glu Pro Ile Val Ile Ser Val Ser Gln Ser Thr Val Tyr Ile Asn Asn
530 535 540

Lys Ala Lys Ile Ile Ser Ser Asp Ile Ile Ser Thr Asn Gly Ile Val
545 550 555 560

His Ile Ile Asp Lys Leu Leu Ser Pro Lys Asn Leu Leu Ile Thr Pro
565 570 575

Lys Asp Asn Ser Gly Arg Ile Leu Gln Asn Leu Thr Thr Leu Ala Thr
580 585 590

Asn Asn Gly Tyr Ile Lys Phe Ser Asn Leu Ile Gln Asp Ser Gly Leu
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Leu Ser Val Ile Thr Asp Pro Ile His Thr Pro Val Thr Leu Phe Trp
 610 615 620

Pro Thr Asp Gln Ala Leu His Ala Leu Pro Ala Glu Gln Gln Asp Phe
 625 630 635 640

Leu Phe Asn Gln Asp Asn Lys Asp Lys Leu Lys Glu Tyr Leu Lys Phe
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His Val Ile Arg Asp Ala Lys Val Leu Ala Val Asp Leu Pro Thr Ser
 660 665 670

Thr Ala Trp Lys Thr Leu Gln Gly Ser Glu Leu Ser Val Lys Cys Gly
 675 680 685

Ala Gly Arg Asp Ile Gly Asp Leu Phe Leu Asn Gly Gln Thr Cys Arg
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Ile Val Gln Arg Glu Leu Leu Phe Asp Leu Gly Val Ala Tyr Gly Ile
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Asp Cys Leu Leu Ile Asp Pro Thr Leu Gly Gly Arg Cys Asp Thr Phe
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Thr Thr Phe Asp Ala Ser Gly Glu Cys Gly Ser Cys Val Asn Thr Pro
 740 745 750

Ser Cys Pro Arg Trp Ser Lys Pro Lys Gly Val Lys Gln Lys Cys Leu
 755 760 765

Tyr Asn Leu Pro Phe Lys Arg Asn Leu Glu Gly Cys Arg Glu Arg Cys
 770 775 780

Ser Leu Val Ile Gln Ile Pro Arg Cys Cys Lys Gly Tyr Phe Gly Arg

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Pro Glu Gln Leu Pro Ile Asp Arg Cys Leu Gln Asp Asn Gly Gln
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Cys His Ala Asp Ala Lys Cys Val Asp Leu His Phe Gln Asp Thr
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Thr Val Gly Val Phe His Leu Arg Ser Pro Leu Gly Gln Tyr Lys
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Leu Thr Phe Asp Lys Ala Arg Glu Ala Cys Ala Asn Glu Ala Ala
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Thr Met Ala Thr Tyr Asn Gln Leu Ser Tyr Ala Gln Lys Ala Lys
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Tyr His Leu Cys Ser Ala Gly Trp Leu Glu Thr Gly Arg Val Ala
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Tyr Pro Thr Ala Phe Ala Ser Gln Asn Cys Gly Ser Gly Val Val
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Gly Ile Val Asp Tyr Gly Pro Arg Pro Asn Lys Ser Glu Met Trp
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Asp Val Phe Cys Tyr Arg Met Lys Asp Val Asn Cys Thr Cys Lys
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Val Gly Tyr Val Gly Asp Gly Phe Ser Cys Ser Gly Asn Leu Leu
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Gln Val Leu Met Ser Phe Pro Ser Leu Thr Asn Phe Leu Thr Glu
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Val Leu Ala Tyr Ser Asn Ser Ser Ala Arg Gly Arg Ala Phe Leu
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Glu His Leu Thr Asp Leu Ser Ile Arg Gly Thr Leu Phe Val Pro
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Gln Asn Ser Gly Leu Gly Glu Asn Glu Thr Leu Ser Gly Arg Asp
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Ile Glu His His Leu Ala Asn Val Ser Met Phe Phe Tyr Asn Asp
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Leu Val Asn Gly Thr Thr Leu Gln Thr Arg Leu Gly Ser Lys Leu
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Ala Pro Val Thr Leu Thr His Thr Gly Leu Gly Ala Gly Ile Phe
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Ser Tyr Phe Arg Ile Asn Arg Arg Thr Ile Gly Phe Gln His Phe
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